

Assignment 1

Date.....
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Q.1. Write the algorithm and draw the flowcharts for the following:

a) Find the average of three numbers a, b, c .

→ Algorithm:-

Step ①: start

Step ②: Read the three numbers a, b, c

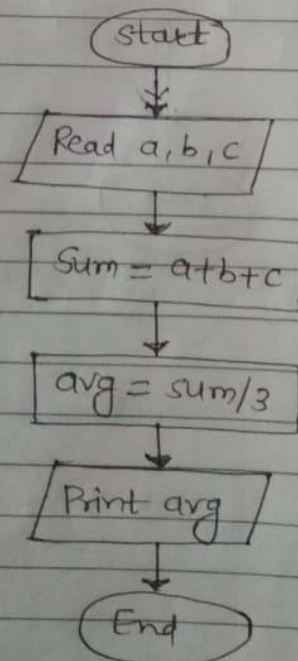
Step ③: $Sum \leftarrow a + b + c$

Step ④: $avg \leftarrow sum / 3$

Step ⑤: Print avg

Step ⑥: End

Flowchart:-



Q 1) Find the area of rectangle whose length and breadth are given.

→ Algorithm :-

step ①: start

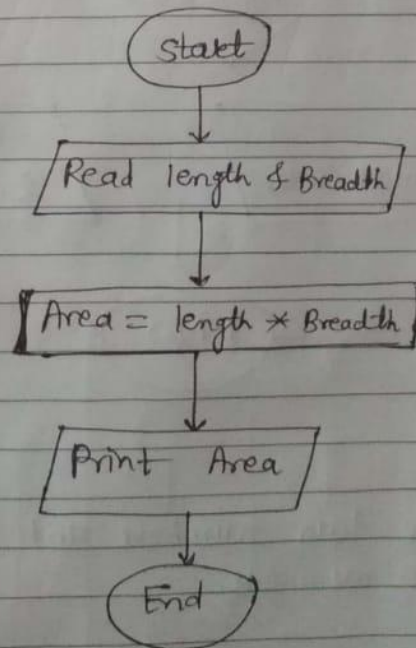
step ②: Read the length and Breadth of rectangle

step ③: $\text{Area} \leftarrow \text{length} \times \text{breadth}$

step ④: Print Area

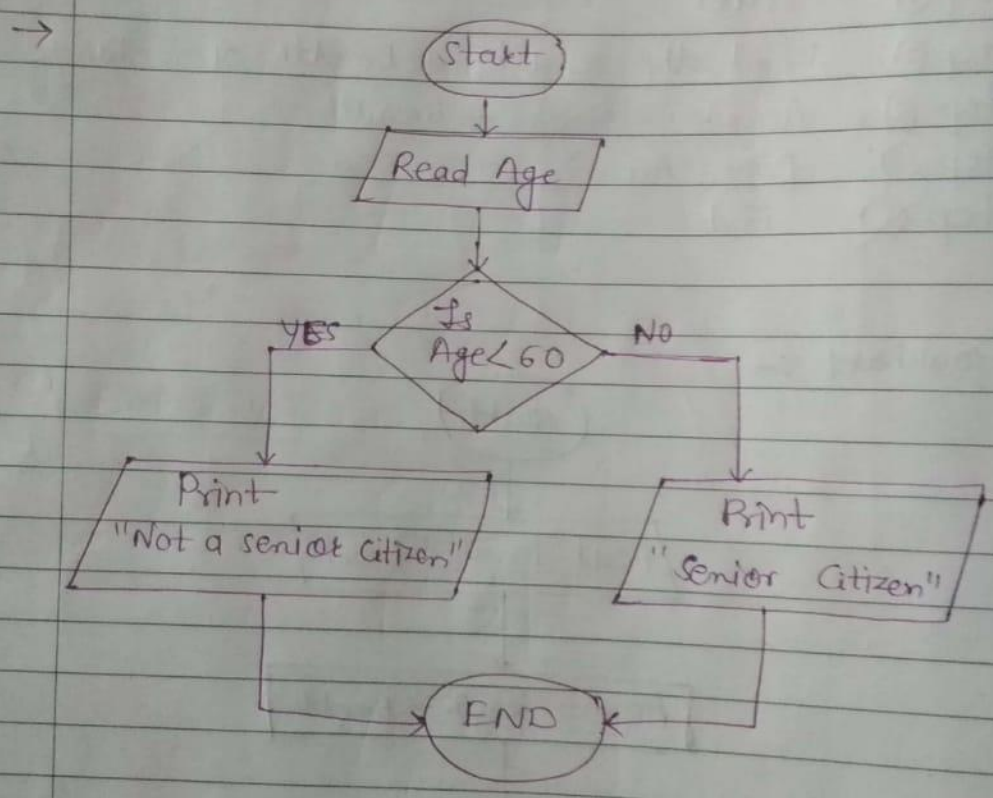
step ⑤: End

Flowchart :-

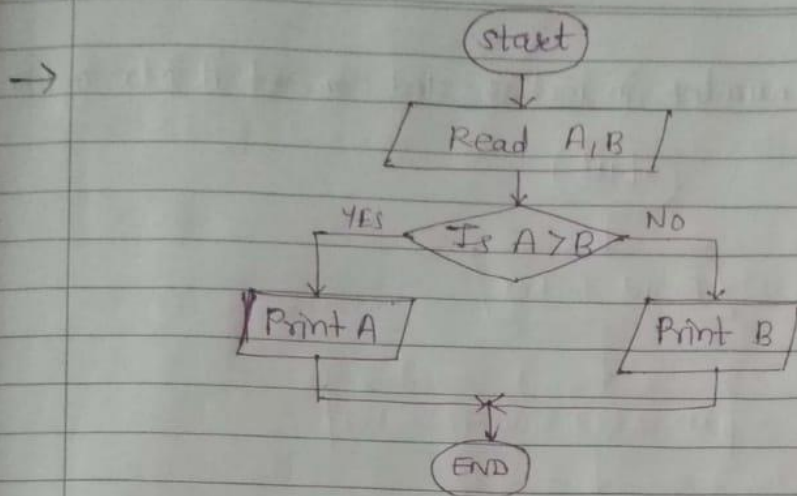


Q. 2. Draw the flowcharts for the following.

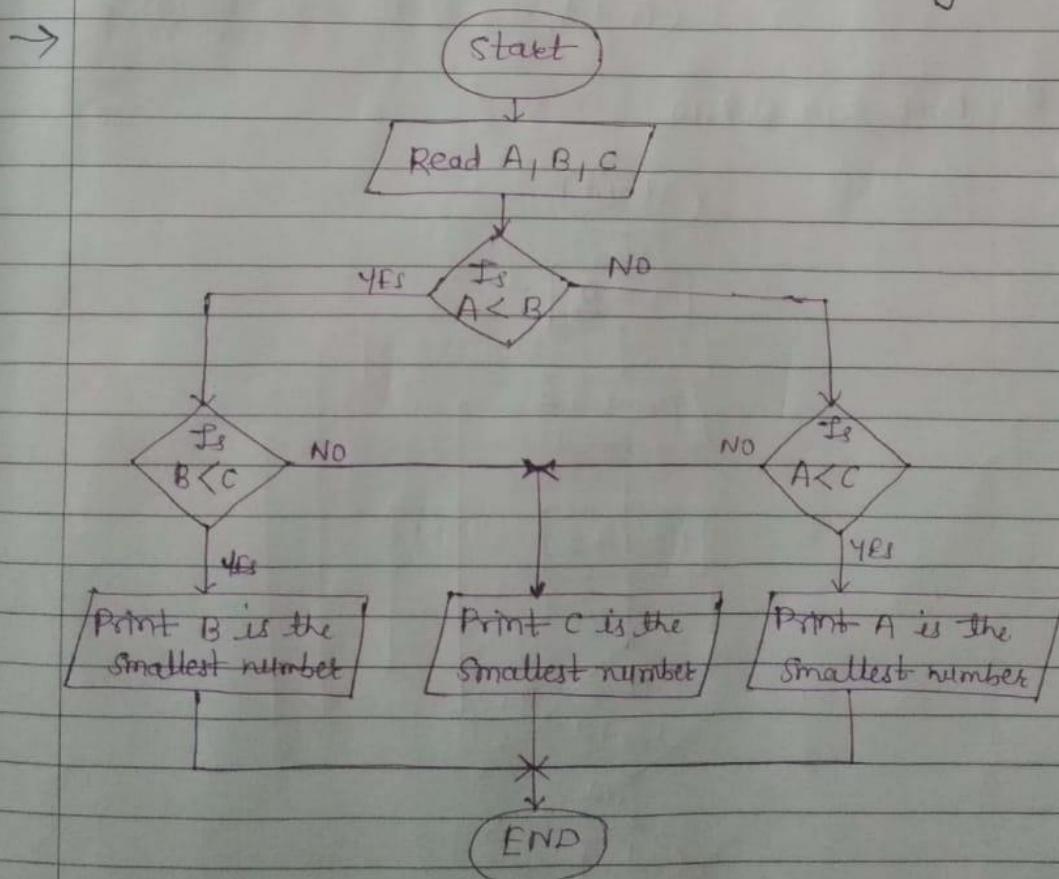
→ Read the Age of ~~st~~ the person, If age less than 60 then print "Not a senior citizen" otherwise print "senior citizen".



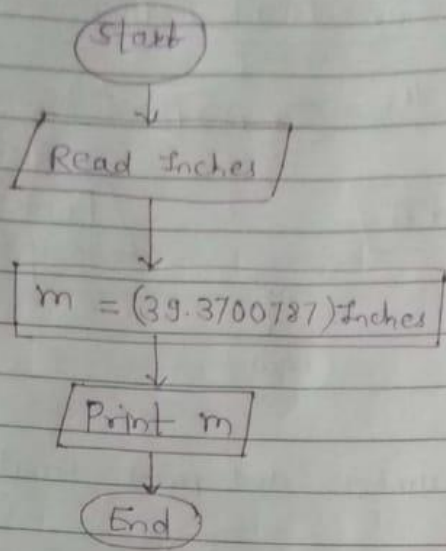
b) Read the two numbers and print maximum of 2 numbers.



C) Read three numbers and print smallest among 3 numbers.



d) Read the number in inches and convert it into meters
→



e) Print 2, 4, 6, 8, 10

